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## Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

6771.US.P4

SERIAL NO.

10/660,288

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

APPLICANT(S)

M. Zung, et al

(Use several sheets if necessary)

FILING DATE

September 11, 2003

GROUP

3731

(37 CFR 1.98 (b))

## U.S.PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	INVENTOR	CLASS	SUB CLASS	FILING DATE
RL	AA	312,408	02/1885	Wackerhagen			
	AB	659,422	10/1900	Shidler			
	AC	2,012,776	08/1935	Roeder			
	AD	2,127,903	08/1938	Bowen			
	AE	2,397,823	04/1946	Walter			
	AF	2,646,045	07/1953	Priestley			
	AG	2,959,172	11/1960	Held			
	AH	3,104,666	09/1963	Hale et al.			
	AI	3,470,875	10/1969	Johnson			
	AJ	3,653,388	04/1972	Tenckhoff			
	AK	3,665,926	05/1972	Flores			
	AL	3,776,237	12/1973	Hill et al.			
	AM	3,820,544	06/1974	Semm			
	AN	3,926,194	12/1975	Greenberg et al.			
	AO	3,939,820	02/1976	Grayzel			
	AP	3,985,138	10/1976	Jarvik			
	AQ	4,018,228	04/1977	Goosen			
	AR	4,109,658	08/1978	Hughes			
	AS	4,161,951	07/1979	Scanlan, Jr.			
	AT	4,168,073	09/1979	LaRue			
	AU	4,182,339	01/1980	Hardy, Jr.			
	AV	4,216,776	08/1980	Downie et al.			
	AW	4,235,177	11/1980	Arbuckle			
	AX	4,317,445	03/1982	Robinson			
RL	AY	4,411,654	10/1983	Boarini et al.			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT(S) M. Zung, et al	
(Use several sheets if necessary)		FILING DATE September 11, 2003	GROUP 3731
(37 CFR 1.98 (b))			

## U.S.PATENT DOCUMENTS (cont.)

RL	AZ	4,412,832	11/1983	Kling et al.			
	BA	4,437,465	03/1984	Nomoto et al.			
	BB	4,493,323	01/1985	Albright et al.			
	BC	4,553,543	11/1985	Amarasinghe			
	BD	4,587,969	05/1986	Gillis			
	BE	4,596,559	06/1986	Fleishhacker			
	BF	4,629,450	12/1986	Suzuki et al.			
	BG	4,651,733	03/1987	Mobin-Uddin			
	BH	4,723,549	02/1988	Wholey et al.			
	BI	4,738,666	04/1988	Fuqua			
	BJ	4,744,364	05/1988	Kensey			
	BK	4,803,984	02/1989	Narayanan et al.			
	BL	4,836,205	06/1989	Barrett			
	BM	4,852,568	08/1989	Kensey			
	BN	4,890,612	01/1990	Kensey			
	BO	4,898,155	02/1990	Ovil et al.			
	BP	4,911,164	03/1990	Roth			
	BQ	4,926,860	05/1990	Stice et al.			
	BR	4,929,246	05/1990	Sinofsky			
	BS	4,935,027	06/1990	Yoon			
	BT	4,957,498	09/1990	Caspari et al.			
	BU	4,983,168	01/1991	Moorehead			
	BV	4,984,581	01/1991	Stice			
	BW	5,002,563	03/1991	Pyka et al.			
	BX	5,009,643	04/1991	Reich e al.			
	BY	5,021,059	06/1991	Kensey et al.			
	BZ	5,037,433	08/1991	Wilk et al.			
RL	CA	5,047,039	09/1991	Avant et al.			

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<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>	<b>APPLICANT(S)</b> M. Zung, et al	
(Use several sheets if necessary)  (37 CFR 1.98 (b))	<b>FILING DATE</b> September 11, 2003	<b>GROUP</b> 3731

U.S.PATENT DOCUMENTS (cont.)

RL	CB	5,059,201	10/1991	Asnis			
	CC	5,061,274	10/1991	Kensey			
	CD	5,078,721	01/1992	McKeating			
	CE	5,080,664	01/1992	Jain			
	CF	5,100,419	03/1992	Ehlers			
	CG	5,100,432	03/1992	Matsutani			
	CH	5,109,780	05/1992	Slouf et al.			
	CI	5,129,912	07/1992	Noda, et al.			
	CJ	5,129,913	07/1992	Ruppert			
	CK	5,147,373	09/1992	Ferzli			
	CL	5,160,339	11/1992	Chen et al.			
	CM	5,171,251	12/1992	Bregen et al.			
	CN	5,192,294	03/1993	Blake, III			
	CO	5,192,302	03/1993	Kensey et al.			
	CP	5,211,650	05/1993	Noda, et al.			
	CQ	5,219,358	06/1993	Bendel et al.			
	CR	5,222,974	06/1993	Kensey et al.			
	CS	5,234,443	08/1993	Phan et al.			
	CT	5,242,427	09/1993	Bilweis			
	CU	5,250,033	10/1993	Evans et al.			
	CV	5,250,053	10/1993	Snyder			
	CW	5,254,126	10/1993	Filipi et al.			
	CX	5,258,003	11/1993	Ciaglia et al.			
	CY	5,279,311	01/1994	Snyder			
	CZ	5,285,945	02/1994	Brinkerhoff et al.			
	DA	5,289,963	03/1994	McGarry et al.			
RL	DB	5,290,284	03/1994	Adair			

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## U.S.PATENT DOCUMENTS (cont.)

RL	DC	5,290,297	03/1994	Phillips			
	DD	5,292,309	03/1994	Van Tassel et al.			
	DE	5,292,332	03/1994	Lee			
	DF	5,293,881	03/1994	Green et al.			
	DG	5,295,993	03/1994	Green			
	DH	5,300,085	04/1994	Yock			
	DI	5,304,184	04/1994	Hathaway et al.			
	DJ	5,304,185	04/1994	Taylor			
	DK	5,306,254	04/1994	Nash et al.			
	DL	5,312,024	05/1994	Grant et al.			
	DM	5,312,423	05/1994	Rosenbluth, et al.			
	DN	5,318,578	06/1994	Hasson			
	DO	5,320,629	06/1994	Noda, et al.			
	DP	5,320,632	06/1994	Heidmueller			
	DQ	5,336,229	08/1994	Noda			
	DR	5,336,230	08/1994	Leichtling et al.			
	DS	5,336,231	08/1994	Adair			
	DT	5,342,369	08/1994	Harryman, II			
	DU	5,354,312	10/1994	Brinkerhoff et al.			
	DV	5,364,408	11/1994	Gordon			
	DW	5,368,601	11/1994	Sauer et al.			
	DX	5,374,275	12/1994	Bradley et al.			
	DY	5,376,096	12/1994	Foster			
	DZ	5,383,896	01/1995	Gershony et al.			
	EA	5,387,221	02/1995	Bisgaard			
	EB	5,387,227	02/1995	Grice			
RL	EC	5,395,332	03/1995	Ressemann et al.			

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## U.S.PATENT DOCUMENTS (cont.)

RL	ED	5,395,349	03/1995	Quiachon et al.			
	EE	5,397,325	03/1995	Delia Badia et al.			
	EF	5,403,329	04/1995	Hinchcliffe			
	EG	5,403,338	04/1995	Milo			
	EH	5,411,481	05/1995	Allen et al.			
	EI	5,413,571	05/1995	Katsaros et al.			
	EJ	5,417,699	05/1995	Klein et al.			
	EK	5,425,705	06/1995	Evard et al.			
	EL	5,431,666	07/1995	Sauer et al.			
	EM	5,433,700	07/1995	Peters			
	EN	5,452,733	09/1995	Sterman et al.			
	EO	5,454,822	10/1995	Sch6b et al.			
	EP	5,454,834	10/1995	Boebel et al.			
	EQ	5,458,574	10/1995	Machold et al.			
	ER	5,470,338	11/1995	Whitfield et al.			
	ES	5,476,469	12/1995	Hathaway et al.			
	ET	5,476,470	12/1995	Fitzgibbons, Jr.			
	EU	5,478,309	12/1995	Sweezer et al.			
	EV	5,478,353	12/1995	Yoon			
	EW	D 372310	07/1996	Harnett			
	EX	5,480,407	01/1996	Wan et al.			
	EY	5,486,190	01/1996	Green			
	EZ	5,489,295	02/1996	Piplani et al.			
	FA	5,496,332	03/1996	Sierra et al.			
	FB	5,507,744	04/1996	Tay et al.			
	FC	5,507,755	04/1996	Gresl et al.			
RL	FD	5,507,757	04/1996	Sauer et al.			

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## U.S.PATENT DOCUMENTS (cont.)

RL	FE	5,507,758	04/1996	Thomason et al.			
	FF	5,509,902	04/1996	Raulerson			
	FG	5,520,665	05/1996	Fleetwood			
	FH	5,520,702	05/1996	Sauer et al.			
	FI	5,527,321	06/1996	Hinchliffe			
	FJ	5,527,322	06/1996	Klein et al.			
	FK	5,531,700	07/1996	Moore et al.			
	FL	5,536,273	07/1996	Lehrer			
	FM	5,540,701	07/1996	Sharkey et al.			
	FN	5,540,704	07/1996	Gordon et al.			
	FO	5,545,171	08/1996	Sharkey et al.			
	FP	5,545,178	08/1996	Kensey et al.			
	FQ	5,545,180	08/1996	Le et al.			
	FR	5,549,618	08/1996	Fleenor et al.			
	FS	5,554,162	09/1996	DeLange			
	FT	5,562,686	10/1996	Sauer et al.			
	FU	5,562,688	10/1996	Riza			
	FV	5,562,728	10/1996	Lazarus et al.			
	FW	5,569,271	10/1996	Hoel			
	FX	5,573,540	11/1996	Yoon			
	FY	5,591,177	01/1997	Lehrer			
	FZ	5,591,179	01/1997	Edelstein			
	GA	5,591,206	01/1997	Moufarr6ge			
	GB	5,593,421	01/1997	Bauer			
✓	GC	5,603,718	02/1997	Xu			
RL	GD	5,609,597	03/1997	Lehrer			

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## U.S.PATENT DOCUMENTS (cont.)

RL	GE	5,611,794	03/1997	Sauer et al.			
	GF	5,613,974	03/1997	Andreas et al.			
	GG	5,613,975	03/1997	Christy			
	GH	5,643,289	07/1997	Sauer et al.			
	GI	5,662,664	09/1997	Gordon et al.			
	GJ	5,669,917	09/1997	Sauer et al.			
	GK	5,700,273	12/1997	Buelna et al.			
	GL	5,707,379	01/1998	Fleenor et al.			
	GM	5,713,910	02/1998	Gordon et al.			
	GN	5,716,369	02/1998	Riza			
	GO	5,720,757	02/1998	Hathaway et al.			
	GP	5,741,276	04/1998	Poloyko et al.			
	GQ	5,741,280	04/1998	Fleenor			
	GR	5,759,188	06/1998	Yoon			
	GS	5,766,183	06/1998	Sauer			
	GT	5,766,186	06/1998	Faraz et al.			
	GU	5,769,862	06/1998	Kammerer, et al.			
	GV	5,779,719	07/1998	Klein et al.			
	GW	5,792,151	08/1998	Heck et al.			
	GX	5,799,661	09/1998	Boyd et al.			
	GY	5,810,850	09/1998	Hathaway et al.			
	GZ	5,817,113	10/1998	Gifford, III et al.			
	HA	5,820,631	10/1998	Nobles			
	HB	5,824,010	10/1998	McDonald			
	HC	5,836,955	11/1998	Buelna et al.			
	HD	5,836,956	11/1998	Buelna et al.			
	HE	5,846,253	12/1998	Buelna et al.			
RL	HF	5,860,990	01/1999	Nobles et al.			

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## U.S.PATENT DOCUMENTS (cont.)

RL	HG	5,860,991	01/1999	Klein et al.			
	HH	5,871,490	02/1999	Schulze, et al.			
	HI	5,897,564	04/1999	Schulze, et al.			
	HJ	5,902,311	05/1999	Andreas et al.			
	HK	5,904,697	05/1999	Gifford, III et al.			
	HL	5,951,590	09/1999	Goldfarb			
	HM	5,954,732	09/1999	Hart et al.			
	HN	6,036,699	03/2000	Andreas et al.			
	HO	6,048,351	04/2000	Gordon et al.			
	HP	6,117,144	09/2000	Nobles et al.			
RL	HQ	6,641,592	11/2003	Sauer et al.			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION	
							YES	NO
RL	HR	JP 542161 A	02/1993	Japan			X	
	HS	SU 1093329	05/1984	Soviet Union			X	
	HT	SU 1174036	08/1985	Soviet Union			X	
	HU	SU 820810	06/1997	Soviet Union				X
	HV	SU 993922	02/1983	Soviet Union			X	
	HW	SU1544383	02/1990	Soviet Union			X	
	HX	SU1648400	05/1991	Soviet Union			X	
	HY	DE912619	05/1991	Germany				X
	HZ	DE4220283	06/1992	Germany				X
RL	IA	FR105954	03/1954	France				X



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## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION (Cont.)

		DOCUMENT NUMBER	PUBLIC-ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION	
							YES	NO
RL	IB	WO 94/05213	03/1994	PCT				
	IC	WO 94/27503	12/1994	PCT				
	ID	WO 94/28801	12/1994	PCT				
	IE	WO 95/35065	12/1995	PCT				
	IF	WO 95/05121	02/1995	PCT				
	IG	WO 97/03613	02/1997	PCT				
	IH	WO 97/10764	03/1997	PCT				
	II	WO 97/13461	05/1997	PCT				
	IJ	WO 97/17901	05/1997	PCT				
RL	IK	WO 97/20505	06/1997	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

RL IL	Elgin National Watch Company, Product Brochure entitled "Elgiloy®, A Cobalt Nickel Spring
RL IM	Faulkner, Catherine B., Letter regarding "VasoSeal Vascular Hemostasis," <i>Datascope</i> , New
RL IN	Laurus Medical Corporation, "Endoscopic Suturing Made Simple," The Laurus ND-2600 Needle
RL IO	Product Brochure, Laurus Medical Corporation, Irvine, CA "The Laurus In-Line Endoscopic Suturing Device" (Oct. 1994) 1 page.
RL IP	Rema-Medizintechnik GmbH, Product Brochure entitled "REMA," 7 pages.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

